

REMARKS

Applicant has amended the claims to differentiate them from the cited art. In particular, Applicant would like to direct the Examiner's attention to the following limitations found in the claims:

Claim 25:

light emitted by said LED chip module directly *forward of said LED chip* module travels away from said LED chip module at an angular orientation in the range of 30 to 150 degrees with respect to said elongate heat sink longitudinal axis (NOTE: This is a result of mounting platform positioning.)

wherein light emitted by the curing light travels *away from the curing light* at an angular orientation in the range of 30 to 150 degrees with respect to said elongate heat sink longitudinal axis (NOTE: This is because the light is not redirected by a light guide or mirror.)

wherein said light exits the curing light and travels to a location where it can cure a light-curable material without passing through a light guide

These elements establish the following: (a) angular orientation of light emitted directly forward from the LED chip, (b) that such angular orientation is established by positioning of a mounting platform (not due to a use of a mirror or light guide), (c) angular orientation of light exiting the curing light in combination with angular orientation of light exiting the LED, and (d) light exits the curing light without use of a light guide (due to the angular orientation of the mounting platform). These elements are not found in the cited art, and establish novelty and non-obviousness of the claimed invention.

Claim 26:

wherein said LED chip module is mounted in a position so that light emitted by said LED chip module directly forward of said LED chip module travels away from said LED chip module at an angle in the range of 45 to 135 degrees with respect to said elongate heat sink longitudinal axis

wherein said light exits the curing light and travels to a location where it can cure a light-curable material without passing through a light guide

These elements establish (a) angular orientation of light moving directly forward from the LED (not incidental light emitted from the side of the chip) with respect to the elongate heat sink, and (b) that light exits the curing light in a useful direction without use of a light guide (due to positioning of the chip). These elements are not found in the cited art, and establish novelty and non-obviousness of the claimed invention.

Claim 31:

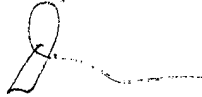
wherein said semiconductor chip is fixedly mounted with respect to said elongate heat sink so that light emitted by said semiconductor chip *directly forward of said semiconductor chip* departs said semiconductor chip at an angle with respect to said elongate heat sink longitudinal axis in the range of 30 to 150 degrees

wherein said light travels to the exterior of the curing light and travels to a location where it can cure a light-curable material *without passing through a light guide*

These elements establish (a) angular orientation of light moving directly forward from the LED (not incidental light emitted from the side of the chip) with respect to the elongate heat sink, and (b) that light exits the curing light in a useful direction without use of a light guide (due to positioning of the chip). These elements are not found in the cited art, and establish novelty and non-obviousness of the claimed invention.

None of Kovac, Mills or Doiron disclose this combination of structures. Reconsideration is requested. Any fees should be charged to deposit account no. 50-0581.

Respectfully submitted this 6th day of April, 2005.

A handwritten signature in black ink, appearing to read "Daniel P. McCarthy", with a long, sweeping horizontal line extending to the right.

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